

## Product datasheet for TP317675M

### DAAM1 (NM\_014992) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dishevelled associated activator of morphogenesis 1 (DAAM1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217675 representing NM_014992 <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)

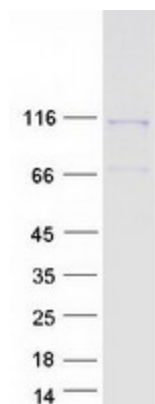
MAPRKRGGRGISFIFCCFRNNDHPEITYRLRNDNFALQTMEPALPMPVVEELDVMFSELVDELDTDKH  
 REAMFALPAEKKWQIYCSKKKDQEENKGATSWPEFYIDQLNSMAARKSLLALEKEEEEERSKTIESLKTA  
 LRTKPMRFVTRFIDLGLSCILNFKTMDYETSESRIHTSLIGCIKALMNNNSQGRAHVLAHSESINVIAQ  
 SLSTENIKTKVAVLEILGAVCLVPGGHKKVLQAMLHYQKYASERTRFQTLINDLDKSTGRYRDEVSLKTA  
 IMSFINAVLSQGAGVESLDFRLHLRYEFLMLGIQPVIDKLREHENSTLDRHLDFFEMLRNEDELEFAKRF  
 ELVHIDTKSATQMFELTRKRLTHSEAYPHFMSILHHCLQMPYKRSGNTVQYWLLLDRIIQQIVIQNDKGQ  
 DPDSTPLENFNIKNVVRMLVNEVEVKQWKEQAEMRKEHNELQQKLEKKERECDAKTQEKEEMMQTL  
 NKM  
 KEKLEKETTEHKQVKQVADLTAQLHELSSRAVCASIPGGPSPGAPGGPFPSSVPGSLLPPPPPPPLPGG  
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 SRLKLSNDEIKRAILTMDEQEDLPKDMLEQLLKVFPEKSDIDLLEEHKHELDMAKADRFLFEMSRINHY  
 QQRLQSLYFKKKFAERVAEVKPKVEAIRSGSEEVFRSGALKQLLEWVLAFGNYMKNKGQRGNAYGFKISSL  
 NKIADTKSSIDKNITLLHYLITIVENKYPVNLNNEELRDIPQAAKVNMTELDKEISTLRSGLKAVETEL  
 EYQKSQPPQPGDKFVSVVSQFITVASFSFSDVEDLLAEAKDLFTKAVKHFGEEAGKIQPDEFFGIFDQFL  
 QAVSEAKQENENMRKKKEEEERRARMEAQLKEQRRERERKMRKAKENSEESGEFDDLVSALRSGEVFDKDL  
 SKLKRNRKRITNQMTDSSRERPITKLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	123.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining


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<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055807</a>
<b>Locus ID:</b>	23002
<b>UniProt ID:</b>	<a href="#">Q9Y4D1</a>
<b>RefSeq Size:</b>	4256
<b>Cytogenetics:</b>	14q23.1
<b>RefSeq ORF:</b>	3234
<b>Summary:</b>	Cell motility, adhesion, cytokinesis, and other functions of the cell cortex are mediated by reorganization of the actin cytoskeleton and several formin homology (FH) proteins have been associated with these processes. The protein encoded by this gene contains two FH domains and belongs to a novel FH protein subfamily implicated in cell polarity. A key regulator of cytoskeletal architecture, the small GTPase Rho, is activated during development by Wnt/Fz signaling to control cell polarity and movement. The protein encoded by this gene is thought to function as a scaffolding protein for the Wnt-induced assembly of a disheveled (Dvl)-Rho complex. This protein also promotes the nucleation and elongation of new actin filaments and regulates cell growth through the stabilization of microtubules. Alternative splicing results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Jul 2012]
<b>Protein Pathways:</b>	Wnt signaling pathway

**Product images:**

Coomassie blue staining of purified DAAM1 protein (Cat# [TP317675]). The protein was produced from HEK293T cells transfected with DAAM1 cDNA clone (Cat# [RC217675]) using MegaTran 2.0 (Cat# [TT210002]).